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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hung Chih Chen, et al. Art Unit : 3723
Serial No. : 09/712,389 Examiner : Dung Van Nguyen
Filed : November 13, 2000
Title : MULTI-CHAMBER CARRIER HEAD WITH A FLEXIBLE MEMBRANE

Commissioner for Patents
Washington, D.C. 20231

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RESPONSE

In response to the action mailed October 1, 2002, please amend the application as follows:

In the specification:

Please replace the paragraph beginning at page 3, line 17 with the following rewritten paragraph:

A1 In another aspect, the invention is directed to a carrier head with a base assembly and a flexible membrane. The flexible membrane has a generally circular main portion, an outer annular portion, and an inner annular portion that includes a notch. The main portion has a lower surface that provides a substrate-mounting surface. The outer annular portion extends from an edge of the main portion and secured to the base assembly. The inner annular portion extends from the main portion and is secured to the base assembly, the volume between the base assembly and the flexible membrane forming a plurality of pressurizable chambers.

Please replace the paragraph beginning at page 4, line 21 with the following rewritten paragraph:

A2 The housing 102 can generally be circular in shape and can be connected to the drive shaft to rotate therewith during polishing. A vertical bore 120 may be formed through the

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02 FC:1202 198.00 OP

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